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Alexandria, VA 22313 on November 16, 2005

INFORMATION DISCLOSURE. STATEMENT

Patent Application Docket No. BB-149 Serial No. 10/539,827

David R. Saliwanchik, Patent Attorney

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner

not vet assigned

Art Unit

not vet assigned

Applicants

Thomas Schwarz, Agatha Schwarz : .

Serial No.

10/539,827

Filed Conf. No. June 20, 2005

not yet assigned

For

Uses of Interleukin-18 for Treating Skin Disorders Associated with UV Radiations

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.97 AND 1.98

Sir

The above-referenced patent application was filed in the U.S. Patent Office as a national application under 35 USC §371. Copies of the International Search Report and copies of the references cited therein were made available in the national stage file; however, for the Examiner's convenience, the applicants are enclosing herewith copies of the cited references as well as a copy of the International Search Report.

Attached is a PTO/SB/08 form which lists the references attached.

In accordance with 37 CFR §1.56, the applicants hereby request that the references cited in the International Search Report and listed on the attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

David R. Saliwanchik

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Gainesville, FL 32614-2950

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Attachments: Form PTO/SB/08; copies of cited references.

NOV 18 2005

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE no persons are required to respond to a collection of information unless it contains a valid OMB

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Under the Paperwork

Sheet

## Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

|  | Cor                    | nplete if Known                 | $\overline{}$ |
|--|------------------------|---------------------------------|---------------|
|  | Application Number     | 10/539,827                      |               |
|  | Filing Date            | June 20, 2005                   |               |
|  | First Named Inventor   | Thomas Schwarz Not yet assigned |               |
|  | Group Art Unit         |                                 |               |
|  | Examiner Name          | Not yet assigned                |               |
|  | Attorney Docket Number | RR-1/10                         |               |

| NON PATENT LITERATURE DOCUMENTS |               |  |   |  |  |  |  |
|---------------------------------|---------------|--|---|--|--|--|--|
| Examiner Initials*              | Cite<br>No. 1 | Cite Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the litem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |   |  |  |  |  |
| /BH/                            | R1            | KISHIDA, T. et al. "In Vivo Electroporation-mediated Transfer of Interfeukin-12 and Interfeukin-18 Genes Induces Significant Antitumor Effects Against Melanoma in Mice." Gene Therapy, 2001, p.1234-1240, Vol.8, No.16.   |   |  |  |  |  |
| /BH/                            | R2            | NAGAI, H. et al. "Gene Transfer of Secreted-Type Modified It18 Gene to B16F10 Melanoma Cells Suppresse<br>In Vivo Turnor Growth through Inhibition of Turnor Vessel Formation." Journal of Investigative Dermatology, 20<br>p.541-548, Vol. 119, No. 3                 |   |  |  |  |  |
| /BH/                            | R3            | KANG JAE SEUNG et al. "Enhanced IL-18 Production by UV-B Irradiation Requires ROI and AP-1 Signaling in<br>Human Keratinocyte Cell Line HACAT." Biochemical and Biophysical Research Communications 2002, p. 289-295, Vol. 289   |   |  |  |  |  |
| /BH/                            | R4            | SCHWARZ, A. et al. *Interleukin-12 Suppresses Ultraviolet Radiation-induced Apoptosis by Inducing DNA Repair.* Nature Cell Biology, 2002, p.26-31, Vol. 4.   |   |  |  |  |  |
|                                 | R5            |  |   |  |  |  |  |
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|                                 | R6            |  |   |  |  |  |  |
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|                                 | _R11          |  | L |  |  |  |  |
|                                 | R12           |  |   |  |  |  |  |
| ·                               | R13           |  |   |  |  |  |  |

| Examiner<br>Signature | /Bruce Hissong/ | Date<br>Considered | 06/07/2008 |
|-----------------------|-----------------|--------------------|------------|
| Colgitature           |                 | Considered         |            |

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique cutation designation number (options). Applicant is not place a check mark here if English language Translation is attached.

This collection of internation is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including to process) an application. Confidentially is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including the confidence of the collection is estimated to take 2 hours to complete, including the confidence of the collection is estimated to take 2 hours to complete, including the confidence of the collection is estimated to take 2 hours to complete, including the collection is estimated to take 2 hours to complete, including the collection is estimated to take 2 hours to complete, including the collection is estimated. galharing, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patient and Trademark Office, P.O. Box 1469, Alexandris, V.A. 22313-1460. DNOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.